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- (54) Title: SETTING COMPOSITION FOR A BATTERY ELECTROLYTE
- (54) Titre: COMPOSITION RETICULABLE POUR ELECTROLYTE DE BATTERIE

(57) Abstract: The invention relates to batteries and polymeric electrolytes for batteries, in particular, lithium batteries. A polymerisable composition or setting composition by condensation with dehydrogenation for battery electrolytes comprises a) at least one organohydrogenopolysiloxane (POS) (A) with at least two hydrogen atoms directly connected to the silicon atoms per molecule, b) at least one organohydroxypolysiloxane (POS) (B) with at least 2 OH groups directly attached to the silicon atoms per molecule, c) an effective quality of a catalyst for condensation with dehydrogenation (C) and d) at least one electrolyte salt (D) with the proviso that the POS (A) and/or the POS (B) comprises at least one siloxyl group per molecule with one polyoxyalkylene ether function

(57) Abrégé: Le domaine de la présente invention concerne le domaine des batteries et des électrolytes polymères pour batteries et plus particulièrement le domaine des batteries au lithium. L'invention concerne une composition polymérisable et/ou réticulable par déshydrogéno-condensation pour électrolyte de batterie comprenant : a) au moins un organohydrogénopolysiloxane (POS) (A) ayantt, par molécule, au moins 2 atomes d'hydrogène directement liés aux atomes de silicium; b) au moins un organohydroxypolysiloxane (POS) (B) ayant, par molécule, au moins 2 groupements-OH directement liés aux atomes de silicium; c) une quantité efficace d'un catalyseur de déshydrogéno-condensation (C); et d) au moins un sel électrolyte (D); avec comme condition que le POS (A) et/ou le POS (B) comporte(nt) par molécule au moins un motif siloxyle comprenant une fonction éther de polyoxyalkylène (Poa).